| Set | Items | Description |
|---|---|---|
| S1 | 51049 | IMMUNOPEROXIDASE |
| S2 | 152076 | NONSPECIFIC |
| S3 | 207 | NORMAL(W)GOAT(W)SERUM |
| S4 | 51049 | S1 |
| S5 | 30 | S2(S)S3 |
| S6 | 3 | S1 AND S5 |
| S7 | 75672 | GOAT |
| S8 | 6087 | GOAT(S)MOUSE |
| S9 | 380283 | INDIRECT |
| S10 | 20 | S1 AND S8 AND S9 |
| S11 | 9 | RD (unique items) |
| S12 | 67 | S1 AND S8 |
| S13 | 47 | S12 NOT S10 |
| S14 | 25 | RD (unique items) |
| S15 | 24512 | REHYDRAT? |
| S16 | 68174 | FORMALIN |
| S17 | 935010 | ALCOHOL |
| S18 | 169761 | PARAFFIN? |
| S19 | 1 | S15 AND S17 AND S18 AND S1 |
| S20 | 11 | S15 AND S18 AND S17 |
| S21 | 10 | RD (unique items) |
| S22 | 88424 | IMMUNOSTAINING |
| S23 | 15 | S22 AND S18 AND S15 |
| S24 | 5 | RD (unique items) |

**14/3,AB,K/7 (Item 7 from file: 155)**
DIALOG(R)File 155:MEDLINE(R)

05813907 86197622 PMID: 3009605
**Characterization of epithelial membrane antigen expression in human mammary epithelium by ultrastructural** immunoperoxidase **cytochemistry.**
Petersen OW; van Deurs B
journal of histochemistry and cytochemistry (UNITED STATES) Jun 1986, 34 (6) p801-9, ISSN 0022-1554 Journal Code: IDZ
Languages: ENGLISH
Document type: Journal Article
Record type: Completed
Ultrastructural immunocytochemistry was used to analyze cell surface distribution and intracellular localization of milk fat globule membrane antigen (MFGM-A) in cryosections from human breast carcinomas and benign breast biopsy specimens. The specimens were fixed in formaldehyde and frozen. Cryostat sections were cut at 15 micron, incubated with **mouse** monoclonal antibody to MFGM-A, and then with a peroxidase-conjugated **goat** anti- **mouse** antibody. After glutaraldehyde fixation, the sections were incubated with diaminobenzidine-H2O2 and further processed for electron microscopy. MFGM-A was specific for epithelial cells. MFGM-A staining was strictly confined to the apical surface membrane of normal ductal epithelium, never involving basolateral membranes below the tight junctions. In normal epithelial cells, MFGM-A was readily detected in cisternae of the endoplasmic reticulum (ER), but only to a lesser extent in Golgi complexes and presumptive secretory vesicles. In carcinoma cells, surface staining for MFGM-A was either distributed in a non-polarized manner on the entire cell surface or else was totally absent. In some carcinoma cells without surface-associated MFGM-A, very pronounced intracellular MFGM-A staining was seen in the ER, in the nuclear envelope, and in annulate lamellae. The observations on MFGM-A expression were supported by studies on a cell culture model system.

**6/3,AB,K/2 (Item 2 from file: 155)**
DIALOG(R)File 155:MEDLINE(R)

03905999 83203481 PMID: 6342576
**Use of the** immunoperoxidase **method on paraffin sections]**
Primenenie immunoperoksidaznogo metoda na parafinovykh srezakh.
Babaev VR; Shchetnikova LA
Arkhiv patologii (USSR) 1983, 45 (1) p76-8, ISSN 0004-1955
Journal Code: 8OE
Languages: RUSSIAN
Document type: Journal Article
Record type: Completed
Using an indirect **immunoperoxidase** technique, the methods of fixation and treatment of paraffin sections were explored for subsequent identification of myosin of smooth and skeletal muscle cells, actin, filamin, and immunoglobulins. Bouin's fluid and ethanol were found to be the most adequate fixators for immunomorphological analysis. Pronase treatment of paraffin sections increased the intensity of specific reactions considerably. Incubation of paraffin sections with **normal goat serum** and hydrogen peroxide decreased **nonspecific** staining of the sections.